

Title (en)  
Apparatus for extracting facial image characteristic points

Title (de)  
Vorrichtung zum Extrahieren von Merkmalen eines Gesichtsbildes

Title (fr)  
Dispositif pour extraire des points caractéristiques d'une image faciale

Publication  
**EP 0552770 B1 20030716 (EN)**

Application  
**EP 93100900 A 19930121**

Priority  
JP 975392 A 19920123

Abstract (en)  
[origin: EP0552770A2] A facial image picture data is processed by an edge extraction part 2, which performs edge-stressing on the inputted image picture. And then the processed data is converted by a binary level conversion part 3 for each preestimated point of facial elements. The binary converted data is stored in a shape data-base part 4. The stored shape data is updated by an updating part 6. An image picture arithmetic processing part 5 performs time-to-time arithmetic computation of correspondence factors between the data of the binary-leveled edged image picture and the data stored in the shape data-base part 4, and issues an output including extracted data of image characteristic points. <IMAGE>

IPC 1-7  
**G06K 9/46**; **A61B 5/117**

IPC 8 full level  
**A61B 5/117** (2006.01); **G06K 9/00** (2006.01); **G06T 7/00** (2017.01)

CPC (source: EP KR US)  
**A61B 5/1176** (2013.01 - EP US); **G06T 9/00** (2013.01 - KR); **G06V 40/168** (2022.01 - EP US); **H04N 19/20** (2014.11 - EP US)

Cited by  
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